



Accessing EPA's Environmental Technology Programs

HOW TO MAKE INITIAL CONTACT

This brochure is designed to help environmental technology developers and users access the full range of assistance and cooperative partnerships offered by EPA. It briefly describes the role of each major EPA office in encouraging the development and use of innovative technologies for pollution monitoring, prevention, control, and remediation.

Each of the offices identified an Innovative Technology Advocate to serve as the developer's initial point of contact and source for information related to EPA program areas. The network of advocates is intended to help you find the information you need or to direct you to appropriate persons. Innovative technology developers and users also can obtain financial assistance from several EPA programs. A list of contacts at these programs follows the listing of advocates below. In general, users of environmental technology in industrial and other commercial settings will need to discuss technological innovations in production processes in the context of permits, compliance situations, or other enforcement proceedings. That type of site-specific assistance is best provided by the appropriate EPA Regional Office listed at the end of this brochure.

INNOVATIVE TECHNOLOGY ADVOCATES

AIR TECHNOLOGY

The Office of Air and Radiation (OAR) has recognized that the ambitious goals of the new Clean Air Act will not be achieved without dramatic innovations in monitoring pollution prevention and control technology. OAR is attempting to encourage innovation through regulatory flexibility, emphasizing performance standards and market-based approaches to create a level playing field for all technologies, pilot demonstrations, information transfer through OAR's Control Technology Center, and "green programs" (a series of economic incentives to encourage voluntary reductions in energy use, greenhouse gas emissions, and air pollution).

Innovative Technology Advocate:

Keith Mason
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REMEDIATION and CHARACTERIZATION TECHNOLOGY

The Technology Innovation Office (TIO), in the Office of Solid Waste and Emergency Response, promotes the acceptance and use of innovative site characterization technologies and soil and ground-water remediation technologies. TIO is active in constructing public-private partnerships to demonstrate the performance of remediation technologies at federal facilities. Providing performance and cost data on innovative technologies needed by project managers and helping to reduce regulatory disincentives also are major activities of the office.

Innovative Technology Advocate:

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INTERNATIONAL MARKETS/EXPORTS

The Office of International Activities coordinates EPA's international technical assistance and training, information exchange, and other technology diffusion programs abroad. Exchanging environmental management, regulatory, and technological expertise with other countries can help solve pressing environmental problems worldwide, including the global and regional threats that directly affect health and the environment in the United States. Strengthening environmental institutions and human resource capabilities also can create the demand for environmental technologies and expertise, thereby leading to commercial opportunities for U.S. business and industry.

Innovative Technology Advocate:

Mark Kasman
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PREVENTION, PESTICIDES, and TOXIC SUBSTANCES

The Office of Pollution Prevention and Toxics (OPPT) established the Design for Environment program as part of its effort to foster the development of safer chemicals and cleaner technologies. The program evaluates alternatives for preventing the generation of wastes or releases containing toxic chemicals. OPPT provides the chemical assessment expertise in this program, and industry provides the performance data necessary to choose cost-effective, safer methods for delivering a product or service. Through this program, OPPT also works with key stakeholders and the public to promote the adoption of cleaner technologies and provides industry with analytical tools to assess its own processes. The Office of Pesticide Programs evaluates emerging technologies at its laboratories in Maryland and Mississippi and promulgates interim policies regarding their use. The program seeks to identify more cost-effective technologies to support studies sent to the Agency for registration and/or re-registration actions.

Innovative Technology Advocate:

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RESEARCH and DEVELOPMENT

The Office of Research and Development (ORD) promotes the development, commercialization, and use of innovative technologies to solve or prevent environmental problems that threaten human health and the environment. ORD conducts programs to develop and evaluate promising pollution prevention, pollution control, and remediation technologies, as well as monitoring devices and techniques that confirm the results of these technologies. Through its Small Business Innovation Research (SBIR) program, and the Research Grants program, ORD provides funding for the research and development of innovative technologies by small business, universities, and other eligible recipients. ORD verifies the performance of environmental technologies through the Superfund Innovative Technology Evaluation (SITE) program and the Environmental Technology Verification (ETV) program. ORD manages information clearinghouses and extensive technology transfer activities. ORD

also works closely with the Office of International Activities to demonstrate and promote U.S. technologies internationally through the US-TIES program.

Innovative Technology Advocate:

Stephen C. James
513/569-7877
513/569-7680 (fax)
james.steve@epamail.epa.gov

ENFORCEMENT POLICIES

The Office of Enforcement and Compliance Assurance (OECA) has developed an Interim Policy on Pollution Prevention and Recycling in Enforcement Settlements, which will be expanded to address innovative technologies. Opportunities for the use of innovative technology in the context of enforcement negotiations should be raised with appropriate state and EPA Regional officials involved in the settlement negotiations. For copies of the policy and general questions not related to a specific enforcement case, contact the OECA Innovative Technology Advocate. Innovative methods for monitoring compliance also are important to the enforcement function. Proposals and inquiries related to improving compliance monitoring capabilities may be directed to the specific program offices, the Office of Research and Development, or the OECA Innovative Technology Advocate. Within OECA, the Office of Federal Facilities Enforcement fosters the development, demonstration, and validation of innovative technologies and develops related policies for federal facilities.

Innovative Technology Advocate:

Gerard C. Kraus
202/564-2230
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WATER TECHNOLOGY

The Office of Water (OW) manages the surface water quality, ground water, and drinking water programs under the authorities of the Clean Water Act and the Safe Drinking Water Act. Within OW, the focus is on innovative solutions to the drinking water, wastewater, nonpoint source pollution, and watershed problems facing small communities, rural, and urban areas. The low-cost Small System Technology Initiative involves identifying, demonstrating, facilitating approval of, and marketing innovative drinking water technologies. A clearinghouse for wastewater technology, and another for drinking water equipment, are supported by OW and located at West Virginia University. They provide technical assistance to water and wastewater management authorities with a focus on innovative technologies. OW also is sponsoring several initiatives focusing on innovative methods to conserve water resources, address nonpoint source pollution, remediate sediments, and develop improved monitoring and data management methods.

Innovative Technology Advocate:

Bill Kramer
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202/260-5394 (fax)
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A number of EPA programs provide assistance to innovative technology developers and users to support development, testing, and demonstration. Information about these programs can be obtained by contacting:

Small Business Innovative Research (SBIR) Program

Don Carey
National Center for Environmental Research and Quality Assurance
U.S. EPA
401 M Street, SW, Mail Code 8722
Washington, DC 20460
202/260-7899
carey.don@epamail.epa.gov

Superfund Innovative Technology Evaluation (SITE) Program

Annette Gatchett
National Risk Management Research Laboratory
U.S. EPA
26 W. Martin Luther King Drive
Cincinnati, OH 45268
513/569-7697
gatchett.annette@epamail.epa.gov

Cooperative Research and Development Agreements (CRADAs)

Larry Fradkin
Office of Science Policy
U.S. EPA
26 W. Martin Luther King Drive, MD-173
Cincinnati, OH 45268
513/569-7960
fradkin.larry@epamail.epa.gov

Scientific and Technical Information Exchange

John Convery
National Risk Management Research Laboratory (NRMRL)
U.S. EPA
26 W. Martin Luther King Drive, MD-G77
Cincinnati, OH 45268
513/569-7896
convery.john@epamail.epa.gov

Ground-Water Technology Demonstrations

Jerry Jones
Robert S. Kerr Environmental Research Laboratory
U.S. EPA
P.O. Box 1198
Ada, OK 74820
405/436-8593
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CONTACTS FOR SITE-SPECIFIC ADVICE

The EPA Regions and/or states manage all environmental permit and compliance programs. Questions related to technological innovations at specific sites should be discussed with the appropriate EPA Regional and state officials rather than the headquarters advocates. The EPA Regional offices and Innovative Technology Council (ITC) contacts are:

U.S. EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont)
John F. Kennedy Federal Building
One Congress Street
Mail Code SPI
Boston, MA 02203
800/575-CEIT (in New England only)

EPA Region 1's Center for Environmental Industry and Technology (CEIT) is a catalyst for bringing new environmental technologies to the marketplace and for addressing the concerns of New England's environmental technology industry. The CEIT acts as a point of contact for the environmental industry, technology developers, investors, and other interested stakeholders, providing an ombudsman service for those seeking assistance for the development of new technologies. The CEIT matches a developer's needs with a variety of assistance offered through relevant EPA, state, and other federal agency programs. The CEIT also works to bring together private and public sector professionals to seek out ways to bring down barriers to innovation and speed the commercialization process. Call 800/575-CEIT or visit the CEIT web site at <http://www.epa.gov/region01/steward/ceit>.

U.S. EPA Region 2 (New Jersey, New York, Puerto Rico, Virgin Islands)
Peter Moss
290 Broadway
New York, NY 10007-1866
212/637-4316
212/637-4360 (fax)
moss.peter@epamail.epa.gov

U.S. EPA Region 3 (Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia)
Dr. Albert Montague
Business Assistance Center
841 Chestnut Building
Philadelphia, PA 19107
800/228-8711 (in Mid-Atlantic states only)
212/566-5103 (fax)
montague.albert@epamail.epa.gov

Region 3's Business Assistance Center serves as the focal point for business assistance activities within the Mid-Atlantic states. The Center provides ombudsman services to small and medium-sized businesses with regulatory environmental issues and environmental technology development. The Center also promotes pollution prevention partnerships between industry and EPA.

CONTACTS FOR SITE-SPECIFIC ADVICE (CONTINUED)

U.S. EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)
Doug McCurry
100 Alabama Street, SW
Atlanta, GA 30303
404/562-8649
404/562-8627 (fax)
mccurry.doug@epamail.epa.gov

U.S. EPA Region 5 (Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)
Mike Lin
77 West Jackson Boulevard
Chicago, IL 60604-3507
312/886-6104
312/886-7804 (fax)
lin.mike@epamail.epa.gov

U.S. EPA Region 6 (Arkansas, Louisiana, New Mexico, Oklahoma, Texas)
Dr. Norman E. Dyer
Fountain Place
1445 Ross Avenue, 12th Floor, Suite 1200
Dallas, TX 75202-2733
214/665-8349
214/665-7446 (fax)
dyer.norman@epamail.epa.gov

U.S. EPA Region 7 (Iowa, Kansas, Missouri, Nebraska)
John Helvig
25 Funston Road
Kansas City, KS 66115
913/551-5002
913/551-5218 (fax)
helvig.john@epamail.epa.gov

U.S. EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)
Robert Stone
999 Eighteenth Street, Suite 500
Denver, CO 80202-2466
303/312-6777
stone.robert@epamail.epa.gov

U.S. EPA Region 9 (Arizona, California, Hawaii, Nevada, American Samoa, Guam)
Wienke Tax
75 Hawthorne Street
San Francisco, CA 94105
415/744-1223
415/744-1076 (fax)
tax.wienke@epamail.epa.gov

U.S. EPA Region 10 (Alaska, Idaho, Oregon, Washington)
John Barich
1200 Sixth Avenue
Seattle, WA 98101
206/553-8562
206/553-0119 (fax)
barich.john@epamail.epa.gov

The EPA Innovative Technology Council (ITC) is an internal EPA advisory and advocacy group dedicated to fostering the development, commercialization, and use of innovative environmental technologies. Under the leadership of Assistant Administrator for Policy, Planning and Evaluation, the Council is composed of senior level advocates from each of the Agency's program offices. The Council was created to foster cooperation and partnership among EPA, private developers and vendors, and other government agencies to advance technology development and acceptance. The ITC was created within EPA to assume a broader role as an advocate for and partner with the private sector and other government agencies to pursue new solutions to environmental problems. The ITC fulfills its mission by coordinating the Agency's technology advocacy goals and aggressively seeking opportunities to leverage private and federal investments in these technologies.

Visit the ETI Home Page on the World Wide Web

For information on the Environmental Technology Initiative and over 275 projects funded in FY94 and FY95, visit the ETI home page at <http://www.gnet.org/eti>.